



Dart Hawkesbury  
1270 Aberdeen St Hawkesbury, ON K6A 1K7 Canada  
Tel (613) 632-5200

# Purchasing Receipts

PO No	Supplier	Line Item No	Rel No	Terms	Purchased Item	Description	For Part No	Project	Equipment ID	Order Qty	Due Date	Received Quantity	Accounting Job No	Container No	Status	Receive Date	Price/Unit	Aging Days	Past Due	Total	Supplier Name	
PO040109	MEC002-VU	4	1	Net 30	M303B2.000X1.750	303 Bar 2" X 1.750" ; MATERIAL: AISI 303 SS BAR AS PER ASTM A582 NOTE: AISI 304/316 NOT ACCEPTABLE receive ft				12	7/19/2018	11		S092574	Stock	7/12/2018	\$ 111.75 / ft	5		\$1,275.85	Metaux Castle	
										Total:	12		11									\$1,275.85

Plex 7/17/2018 10:14 AM dart.Tollis Andrew



Castle Metals®

A. M. Castle & Co.

PACKING SLIP/  
CERTIFICATE OF CONFORMANCE

Page 1 of 1

Pack Slip No:2944314

<b>Ship From:</b> A. M. Castle & Co. (Canada) Inc. Toronto 2150 Argentinia Road MISSISSAUGA, ON L5N 2K7		<b>Sold To:</b> DART AEROSPACE LTD 1270 ABERDEEN HAWKESBURY, ON K6A 1K7 CA	<b>Ship To:</b> DART AEROSPACE LTD 1270 ABERDEEN HAWKESBURY, ON K6A 1K7 CA	<b>Deliver To:</b> DART AEROSPACE LTD 1270 ABERDEEN HAWKESBURY, ON K6A 1K7 CA
<b>Date Shipped</b> 09-JUL-2018	<b>F.O.B.</b> ORIGIN	<b>Freight Terms</b> Prepaid	<b>Carrier</b> LOCAL_FLEET	<b>BOL No</b> 2957518
		<b>Delivery No</b> 121928384		

Shipment Details

Order No	Line No	Item No	Description
5163053	1	66090.BO	1.7500.2.0000.FLAT.303.STAINLESS.144.0000 SPECIFICATIONS: ASTM A582
Purchase Order No	Part Number	Ordered Qty	Invoice Qty
40109		142.80 LBS	11.6667 FT 11.4166
Details			
Mill/Source	Heat Number	Mech ID	PCS
	A13656		1
		Width (IN)	Length (IN)
		1.0000	140.0000
			Shipped Qty (LBS)
			139.0000

We hereby certify the material covered by this certification conforms in accordance with the above specifications and has been found to meet the applicable requirements for the material, including any specifications forming a part of the description. Test reports are on file subject to examination. All claims for defective material are waived unless made in writing to A.M. Castle & Co. within 60 days of the shipment. Material cut to the correct size, or material cut by the customer cannot be returned for credit.

Reviewed by Authorized Castle Metals Representative:	Date:	Name:
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Dart Aerospace Ltd.  
1270 Aberdeen St  
Hawkesbury, ON  
K6A 1K7  
Canada

Tel (613) 632-5200

# **PURCHASE ORDER** **PO040109**

**Supplier:** MEC002-VU  
Metaux Castle  
P.O. Box 4090 Stn A  
Toronto  
ON  
M5W OE9 Canada

**PO No:** PO040109

**PO Date:** 6/5/18

**Due Date:** 7/5/18

**Purchase Order  
Revision:**

**Revision Date:**

**Ship-To Contact:** Lavoie, Chantal  
Phone: clavoie@dartaero.com

**Ship To:** 1270 Aberdeen Street  
Hawkesbury  
ON  
K6A 1K7 Canada  
Phone: 613-632-5200

**Via:** Ground

**Pymt Terms:** Net 30

**Freight Terms:**

**Special Comments:**

## Items

Line Item	Job	Part	Supplier Part No	Description	Status	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (USD)	Extended Price
3		M303B3.000X6.000		AISI 303 SS Bar 3.000" x 6.000" : MATERIAL: AISI 303 SS BAR AS PER ASTM A582 NOTE: AISI 304/316 NOT ACCEPTABLE receive ft	Forecast	7/5/18	4 ft	0 ft	4 ft	\$559.89/ft	\$2,239.56
					Firmed	7/6/18	4 ft	0 ft	4 ft	\$559.89/ft	\$2,239.56
<b>Sub Total:</b>							<b>8</b>	<b>0</b>	<b>8</b>		<b>\$4,479.12</b>
4		M303B2.000X1.750		303 Bar 2" X 1.750" : MATERIAL: AISI 303 SS BAR AS PER ASTM A582 NOTE: AISI 304/316 NOT ACCEPTABLE receive ft	Firmed	7/5/18	12 ft	0 ft	12 ft	\$111.75/ft	\$1,341.00
<b>Grand Total: \$5,820.12</b>											

## Order Notes

Procurement Quality Clauses  
A005 right of entry  
A012 chemical and physical test report  
A016 personnel qualification  
A017 raw material identification (as applicable)  
A026 certification of material conformance  
A041 quality management system  
A042 dart notification by supplier  
A043 retention of quality documents

A048 counterfeit parts avoidance, detection, mitigation and disposition program

A049 supplier awareness

Terms & Condiuion of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit [www.dartaerospace.com](http://www.dartaerospace.com) for further explanation.

Plex 7/5/18 6:59 AM dart.lavoie.chantal



575 STATE FAIR BLVD.  
SOLVAY, NY 13209

# Certificate of Test

Cert Date: 03/23/18

#150679818

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FRY STEEL COMPANY  
13325 MOLETTE ST  
SANTA FE SPRINGS, CA 90670

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FRY STEEL COMPANY  
13325 MOLETTE ST  
SANTA FE SPRINGS, CA 90670

CIL ORDER NO.  
P5-12924-7-01

HEAT NO.  
A13656

CIL INSIDE SALES REP.  
L HINMAN

SHIPPED FROM  
SOLVAY, NY USA

CUSTOMER P.O.  
49270-4/S29450

CUSTOMER PART NO.  
S29450

QUANTITY SHIPPED 1677 LBS. 1 BDL

ALL MELTING DONE IN USA.

## DESCRIPTION OF MATERIAL

CRU 303 HRAP SIZE 2.000 X 1.750 FLAT  
AMS-5640-V (TYPE I) (EX FIN) ASTM-A484-16 ASTM-A582-12 E1 MIL-S-7720-AMD. 1  
QQS-763-C COND A QQS-764-B (OBSOLETE) (COND A)

## CHEMICAL ANALYSIS \*

C	MN	P	S	SI	NI	CR	MO	CU	CB	TA
.047	1.64	.027	.210	.36	9.04	17.23	.55	.38	.061	.002

## AS SHIPPED PROPERTIES

HARDNESS  
BHN 152/153

### LONGITUDINAL

TENSILE PSI 88,770  
YLD. 2% PSI 55,190  
% ELONG4D 54.7  
RED/AREA% 68.8

MACRO-ACCEPTABLE

FRY STEEL CO. CERTIFIES THAT THIS IS  
A TRUE COPY OF THE ORIGINAL MILL TEST  
REPORT NOW ON FILE  
RECEIVED AND INSPECTED

MAR 28 2018

BY *Chip Sandoval*  
CHIP SANDOVAL - Q.C. MANAGER

THANK YOU FOR SELECTING A QUALITY PRODUCT OF NAFTA ORIGIN MANUFACTURED WITH PRIDE AT CRUCIBLE INDUSTRIES LLC LOCATED IN SOLVAY, NY, USA IN COMPLIANCE WITH FAR 52.255-1 AND FAR 52.225-5. WE PROVIDE MATERIAL FREE OF MERCURY CONTAMINATION AND RADIATION. NO WELD REPAIR IS DONE. CRUCIBLE INDUSTRIES LLC HOLDS A CERTIFICATE OF REGISTRATION TO ISO 9001:2015, PRESSURE EQUIPMENT DIRECTIVE (PED) 97/23/EC 7/2 ANNEX 1, PARAGRAPH 4.3 AND WORKS UNDER THE GUIDELINES OF NCA 3800 USING OP MANUAL DATED 2/3/17. WE ARE COMPLIANT WITH EU DIRECTIVE 2011/65/EU (ROHS), REACH, EN 10204 2004 3.1, AND DFARS 252.225.7001, 7002, 7008, 7009, 7014 ALTERNATE 1. MATERIAL TESTING IS PERFORMED ON A PROLONGATION OF THE BAR IN COMPLIANCE WITH INDUSTRY STANDARDS ASTM A370, E8, E10, E18, E23, E45, E112, E381, E604. \*ACCREDITED CHEMICAL TESTING IS PERFORMED IN COMPLIANCE WITH INDUSTRY STANDARDS ASTM E572, E1019, E1086, E322, E415 AND E1085. THE RECORDING OF FALSE, FICTITIOUS OR FRAUDULENT STATEMENTS ON THIS DOCUMENT MAY BE PUNISHED AS A FELONY UNDER FEDERAL STATUTES, INCLUDING FEDERAL LAW, TITLE 18, CHAPTER 47. PRODUCTS, TECHNICAL DATA, TECHNOLOGY, AND SERVICES OF CRUCIBLE INDUSTRIES LLC ARE SUBJECT TO U.S. EXPORT CONTROLS UNDER THE APPLICABLE LAWS AND REGULATIONS OF THE UNITED STATES.

Page 1 of 1

THE ABOVE MATERIAL WAS MANUFACTURED AND TESTED ACCORDANCE WITH ABOVE SPECIFICATIONS AND IS IN CONFORMANCE WITH THE SPECIFICATION REQUIREMENTS.  
CRUCIBLE INDUSTRIES LLC

*Robert Tschernjowski*  
ROBERT TSCHERNJAWSKI - SPECIFICATION EXAMINER

*William P. Mastroe*  
WILLIAM MASTROE - MANAGER OF QUALITY AND PROCESS ENGINEERING

# SPECIFICATION CONTROL DRAWING

PURCHASE MATERIAL: AISI 303 SS BAR  
(NOTE: AISI 304/316 NOT ACCEPTABLE)

SPECIFICATION:

ASTM A582

PART NUMBER:

M303B TTTT X WWW.WWW  
THICK | WIDTH

WHERE "T TTT" = THICKNESS IN INCHES  
AND "WWW.WWW" = WIDTH IN INCHES

EG. 0.5" x 3.0" BAR = M303B0.500X03.000

RELEASED  
2010-02-02

B	REFORMAT DWG. ADD SPECS (ZN D8 1), REF PAR 08-020A	CP	10 01 05
A	NEW ISSUE	DS	02 05 29
REV	DESCRIPTION	BY	DATE
DESIGN			
DRAWN			
CHECKED			
MFG. APPR.			
APPROVED			
DE APPR.			
DATE	10.01.05		
DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA			
DRAWING NO. M303B			
TITLE 303 BAR			
REV. B			
SHEET 1 OF 1			
SCALE			
N/S			
COPYRIGHT © 2002 BY DART AEROSPACE LTD			



## MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M303B-2.000x1.750  
 DATE: 18/07/17

PO / BATCH NO.: P0040109/5072574

MATERIAL CERT REC'D: Yes  
 QUANTITY RECEIVED: 11.41667  
 QUANTITY INSPECTED: 11.41667  
 QUANTITY REJECTED: 0

THICKNESS ORDERED: 1.7500"  
 THICKNESS RECEIVED: 1.750"  
 SHEET SIZE ORDERED: —  
 SHEET SIZE RECEIVED: —

DESCRIPTION	NCR (Check Y/N)		COMMENTS
SURFACE DAMAGE	Y	<u>(N)</u>	
CORRECT FINISH	<u>(Y)</u>	N	
CORROSION	Y	<u>(N)</u>	
CORRECT GRAIN DIRECTION	<u>(Y)</u>	N	
CORRECT MATERIAL PER M-DRAWING	<u>(Y)</u>	N	<u>ASTM A582</u>
CORRECT THICKNESS	<u>(Y)</u>	N	
PHOTO REQUIRED	Y	<u>(N)</u>	
CORRECT REF # TO LINK CERT	<u>(Y)</u>	N	<u>MT: A13656</u>
CORRECT MATERIAL IDENTIFICATION	<u>(Y)</u>	N	
CORRECT M# ON THE MATERIAL	<u>(Y)</u>	N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y	<u>(N)</u>	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y	<u>(N)</u>	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
	HRC	HRB	DUR A	DUR D	WEBSTER
TYPE OF MATERIAL					
SIZE OF TEST SAMPLE					
HARDNESS / DUROMETER READING					

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>AI</u> DATE: <u>18/07/17</u>	SIGNED OFF BY: _____ DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in